**Agenda for the**

**INTERIM Design Review of ITER**

**IN-VESSEL COILS**

**(IVC)**

**Abstract**

This document includes Agenda and links to the documentation for the meeting

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| --- | --- | --- | --- |
| **Version** | **Date** | **Name** | **What** |
| **0** | 02- 07 - 2010 | Charles Neumeyer | Draft |
| 1 | 06- 07 - 2010 | Charles Neumeyer | First issue |

Design Developer:  Charles Neumeyer

Email: [neumeyer@pppl.gov](mailto:neumeyer@pppl.gov)

Phone: +01 609-243-2159

Meeting Room: New Engineering Conference Room – PPPL

GoToMeeting will be used. To log onto GoToMeeting, follow the instructions below:

1.  Please join my meeting.

<https://www2.gotomeeting.com/join/772378225>

2.  Join the conference call:

Dial 218-844-4926

Access Code: 772-378-225

Audio PIN: Shown after joining the meeting

Meeting Password: BeCu

Meeting ID: 772-378-225

1. **Date, Time and venue**

|  |  |  |
| --- | --- | --- |
| Date | from **Monday 26st JULY 2010** | to **Wednesday 28th JULY 2010** |
| Time | |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | Moscow  GMT+4 | India  GMT+530 | US (OakRidge) GMT-4 | **EU (Cadarache) GMT+2** | China  GMT+8 | Japan / South Korea GMT+9 | | 07 July 16:00 | 07 July 17:30 | 07 July  08:00 | **07 July**  **14:00** | 07 July  20:00 | 07 July  21:00 | | |
| Venue | **New Engineering Conference Room - PPPL** | |

1. **scope and Objectives**

#### Scope

This review covers work scope defined in Task Agreement “Support for Preliminary Design of the ITER In-Vessel Coils”, Task Number C15TD70FU, [ITER\_D\_3CNGUT](https://user.iter.org/?uid=3CNGUT).

#### Objectives

The review shall assess progress and determine if the IVC design team is on track for a formal PDR in Oct/Nov.

* The assessment of progress shall be with respect to the specific areas defined in the Task Agreement;
* The determination of the readiness for the PDR shall be based on a comparison against the IO Design Review Procedure, [ITER\_D\_2832CF](https://user.iter.org/?uid=2832CF).

#### Procedure

The review will be informal but will be structured according to the framework of the IO Design Review Procedure including participants and roles as follows:

**Design Approver** will approve this agenda and the summary report

**Design Coordinator** will coordinate the review and define the objectives

**Design Developer** will prepare the documentation required for the review and

follow-up on action items (chits)

**Design Review Secretary** will upload documentation and presentations into IDM and will record the minutes of the meeting including the collection of chits and preparation of a chit summary spreadsheet

**Design Review Chairman** will be a technically qualified person not directly involved in the development of the design of the and will:

* chair the design review meeting;
* moderate the discussions;
* ensure that issues from the meeting are recorded in the minutes and the chits;
* prepare a summary report of the meeting.

**Design Review Panel** will be the group of peers on the IVC design team and other key experts

#### Deliverables

* summary report by the DR Chairman addressing the objectives of the review;
* the collection of presentations – each including status and plans;
* meeting minutes and the list of chits compiled during the review by the DR secretary.

1. **Links to DocumentS**

DR presentations will be stored in an IDM folder [IVC Interim Design Review](https://user.iter.org/?uid=35KZP6)

**List of Attendees**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Last Name** | **First Name** | **Org** | **e-mail** | **Role** |
| Johnson | Gary | IO | Gary.Johnson@iter.org | Design Approver |
| Daly | Ed | IO | Edward.Daly@iter.org | Design Coordinator |
| Neumeyer | Charles | PPPL | neumeyer@pppl.gov | Design Developer |
| Schoen | Skip | PPPL | sschoen@pppl.gov | Design Review Secretary |
| Loesser | Doug | PPPL | dloesser@pppl.gov | Design Review Chairman |
| Bohm | Tim | UW | tdbohm@wisc.edu |  |
| Sawan | Mohammed | UW | sawan@engr.wisc.edu |  |
| Pillsbury | Bob | SC | bob@sherbrookeconsulting.com |  |
| Stone | Howard | PU | hastone@princeton.edu |  |
| Brooks | Art | PPPL | abrooks@pppl.gov |  |
| Bryant | Larry | PPPL | lbryant@pppl.gov |  |
| Chrzanowski | Jim | PPPL | jchrzano@pppl.gov |  |
| Feder | Russ | PPPL | rfeder@pppl.gov |  |
| Gomez | Mike | PPPL | mgomez@pppl.gov |  |
| Hause | Chris | PPPL | chause@pppl.gov |  |
| Hawryluk | Rich | PPPL | rhawryluk@pppl.gov |  |
| Heitzenroeder | Phil | PPPL | pheitzen@pppl.gov |  |
| Johnson | Dave | PPPL | djohnson@pppl.gov |  |
| Kalish | Mike | PPPL | mkalish@pppl.gov |  |
| Lipski | Arie | PPPL | alipski@pppl.gov |  |
| Mansfield | Callum | PPPL | cmansfield@pppl.gov |  |
| Salehzadeh | Amir | PPPL | asalehza@pppl.gov |  |
| Simmons | Bob | PPPL | bsimmons@pppl.gov |  |
| Titus | Pete | PPPL | ptitus@pppl.gov |  |
| Zatz | Irv | PPPL | zatz@pppl.gov |  |
| Griffiths | Ian | OX | griffit4@maths.ox.ac.uk |  |
| Fogarty | Paul | ORNL | fogartypj@ornl.gov |  |
| Kim | Seokho | ORNL | kims@ornl.gov |  |
| Nelson | Brad | ORNL | nelsonbe@ornl.gov |  |
| Petrov | Andre | ORNL | petrovay@ornl.gov |  |
| Feng | Jun | MIT | feng@psfc.mit.edu |  |
| Cordier | Jean-Jacques | IO | Jean-Jacques.Cordier@iter.org |  |
| Ioki | Kimihiro | IO | Kimihiro.Ioki@iter.org |  |
| Kuehn | Ingo | IO | Ingo.Kuehn@iter.org |  |
| Loarte | Alberto | IO | Alberto.Loarte@iter.org |  |
| Martin | Alex | IO | Alex.Martin@iter.org |  |
| Nakahira | Masa | IO | Masataka.Nakahira@iter.org |  |
| Tao | Jun | IO | Jun.Tao@iter.org |  |
| Schaffer | Mike | GA | schaffer@fusion.gat.com |  |
| Smith | John | GA | smithj@fusion.gat.com |  |
| Bovet | Clement | CAPSIM | bovet.clement@gmail.com |  |
| Yu | Wu | ASIPP | wuyu@ipp.ac.cn |  |
| Huan | Jin | ASIPP | jinhuan@ipp.ac.cn |  |
| Treverton | Andrew | Tyco | atreverton@tycothermal.com |  |

1. **SCHEDULE OF PRESENTATIONS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Monday - 26 July** |  | **Duration** | **Start** | **End** |
| Introduction | C Neumeyer | 0:15 | 8:00 | 8:15 |
| Requirements & Design point | C Neumeyer | 0:45 | 8:15 | 9:00 |
| Physical configuration and layout | P Heitzenroeder | 0:45 | 9:00 | 9:45 |
| BREAK |  | 0:15 | 9:45 | 10:00 |
| EM loads | R Pillsbury | 0:45 | 10:00 | 10:45 |
| Neutronics | T Bohm | 0:30 | 10:45 | 11:15 |
| Design criteria | P Heitzenroeder | 0:30 | 11:15 | 11:45 |
| **Tuesday - 27 July** |  | **Duration** | **Start** | **End** |
| Thermal/structural FEA - ELM | L Bryant | 0:45 | 8:00 | 8:45 |
| Thermal/structural FEA - VS | P Titus | 0:45 | 8:45 | 9:30 |
| Thermal/structural FEA - Feeders | A Brooks | 0:30 | 9:30 | 10:00 |
| BREAK |  | 0:15 | 10:00 | 10:15 |
| Fatigue considerations | J Feng | 0:30 | 10:15 | 10:45 |
| R&D and special studies | P Heitzenroeder | 1:00 | 10:45 | 11:45 |
| **Wednesday - 28 July** |  | **Duration** | **Start** | **End** |
| Fabrication and installation | P Heitzenroeder | 0:30 | 8:00 | 8:30 |
| Remote handling | M Nakahira | 0:30 | 8:30 | 9:00 |
| Integration with interfacing systems | C Neumeyer | 0:30 | 9:00 | 9:30 |
| BREAK |  | 0:15 | 9:30 | 9:45 |
| PDR Checklist Items | C Neumeyer | 0:30 | 9:45 | 10:15 |
| Chit Review | All | 1:00 | 10:15 | 11:15 |